

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF LOVELACEVILLE	)	
WATER COMPANY, FOR A DEVIATION FROM	)	
807 KAR 5:066, SECTION 5(4), SECTION	)	
6(2), AND (3), REGARDING WATER	)	CASE NO. 10428
STORAGE, PRESSURE GAUGE AND ANNUAL	)	
PRESSURE SURVEYS	)	

O R D E R

By letter received September 29, 1988, Lovelaceville Water Company ("Lovelaceville Water") requested a deviation from 807 KAR 5:066, Section 5(4), Section 6(2), and (3). These regulations require a water utility to provide water storage to insure one day's supply of its average daily water usage, to own a recording pressure gauge and to perform and maintain records of annual pressure surveys.

Additional information is needed for an adequate and proper consideration of the deviation requested by Lovelaceville Water.

IT IS THEREFORE ORDERED that Lovelaceville Water shall file an original and 7 copies of the following information to the Commission, with a copy to all parties of record, no later than December 16, 1988.

1. Provide the following information to describe the demand for water on Lovelaceville Water's distribution system.

a. Total volumes purchased and/or produced annually for 1985, 1986, and 1987.

b. Total volumes purchased and/or produced monthly for the 12 months ending October 31, 1988.

c. Average 24-hour volume purchased and/or produced during the 12 months ending October 31, 1988.

d. Maximum 24-hour volume purchased and/or produced during the 12 months ending October 31, 1988.

e. The 24-hour volume which was purchased and/or produced for the 7 highest days during the 12 months ending October 31, 1988. This should include the dates of occurrence.

f. Projected maximum daily demand volumes for 1990 similar to (d) and (e) above. Describe the method by which these projections were made.

2. Provide a map of Lovelaceville Water's distribution system that shows the location and size of all distribution mains, storage tanks, pumping stations, and any other significant features of the system. One inch on this map should not represent more than one mile on the ground.

3. Provide a description of each of Lovelaceville Water's storage facilities including its location on the system and show total volume of storage on the system.

4. List the difference in volumes between total storage and (a) maximum 24-hour volume produced and/or purchased, (b) average 24-hour volume, and (c) minimum 24-hour volume.

5. Provide a list of Lovelaceville Water's large volume customers by name and maximum monthly and 24-hour usage by volume and by percentage of Lovelaceville Water's maximum monthly and 24-hour volumes. Describe these customers' water storage and/or

distribution facilities, if any exist, and any sales/purchase agreements now in effect for such customers. Explain any seasonal variations that affect the purchase volumes of any of these customers. Describe Lovelaceville Water's curtailment plan, if applicable, to any of these customers. Do not list customers who are purchasing less than five percent of Lovelaceville Water's maximum monthly volumes.

6. Provide a technical summary of operational deficiencies of Lovelaceville Water's system that are known from experience or that have been indicated by hydraulic analyses.

7. List the names and addresses of Lovelaceville Water's customers that provide critical health services.

8. Show the number of hours under present operating conditions that service can be continued to hospitals, schools, and other similar facilities after an interruption of service by Lovelaceville Water's supplier when the supply requirements to be met are: (a) maximum 24-hour volume, (b) average 24-hour volume, and (c) minimum 24-hour volume. Provide supplemental information as needed to explain how results for (a), (b), and (c) were obtained.

9. Describe past periods of interruption by the supplier for Lovelaceville Water. List dates and total days or hours of interruption.

10. Provide detailed information on supplier's system that delivers water to Lovelaceville Water. Include location and capacity of (a) treatment plant, (b) pumping stations, (c) storage tanks and any other facilities required for the delivery of water

to Lovelaceville Water. Give the 24-hour capacity and maximum 24-hour production of plant for the 12 months ending October 31, 1988.

11. Does Lovelaceville Water's purchase agreement place a limit on the daily or monthly volumes that its supplier will furnish? If so, define these limits. If supplier provides certain volumes of storage for Lovelaceville Water, provide a copy of the agreement that insures the provision of this storage by supplier and a statement reflecting Lovelaceville Water's assessment of reliability of this agreement. Provide a copy of Lovelaceville Water's purchase agreement if its particulars cannot be readily described and note the particulars of interest to the instant case. Describe any curtailment aspects of the contract.

12. Describe supplier's capability for delivery of water pressure and volume at each point of delivery to Lovelaceville Water. Describe those features of supplier's system that limit its capacity for delivery of water pressure and volume to Lovelaceville Water. Such features may include: (a) distance between supplier's tank and supplier's point of connection with Lovelaceville Water, (b) size of the connecting main between Lovelaceville Water and its supplier's tank, (c) capacity of supplier's treatment plant, (d) age of supplier's treatment plant, (e) condition of supplier's treatment plant, and (f) capacity and condition of supplier's pumping stations and tanks and supplier's general ability to respond to the needs of Lovelaceville Water.

13. If the Farmers Home Administration ("FmHA") holds any of Lovelaceville Water's long-term debt, provide a copy of any

correspondence from FmHA which states FmHA's position on Lovelaceville Water's current storage capacity and its request for a deviation from Commission regulations.

14. Describe Lovelaceville Water's planning to date, including its efforts to secure financing, for construction of additional storage facilities.

15. Provide the economic justification for not owning a pressure recording gauge and for not performing or maintaining records of annual pressure surveys. As a minimum this should include the cost of a pressure recorder, and the effect on Lovelaceville Water's operation and maintenance budget to own a pressure recorder and perform the necessary surveys, etc. In addition, provide the effect, if any, that complying with these Commission requirements would have on water service rates. This should include appropriate documentation.

16. Provide a list of customer complaints concerning low pressure for the 12 months ending October 31, 1988.

17. Provide details of how pressure is monitored and how complaints of low pressure are investigated.

If this information cannot be provided by December 16, 1988, Lovelaceville Water should submit a motion for an extension of time stating the reason a delay is necessary and include a date by which it will be furnished. Such motion will be considered by the Commission. Lovelaceville Water shall furnish with each response the name of the witness who will be available for responding to questions concerning each item of information requested should a public hearing be required in this matter.

Done at Frankfort, Kentucky, this 16th day of November, 1988.

PUBLIC SERVICE COMMISSION

Richard D. Hemmery Jr.  
For the Commission

ATTEST:

Executive Director